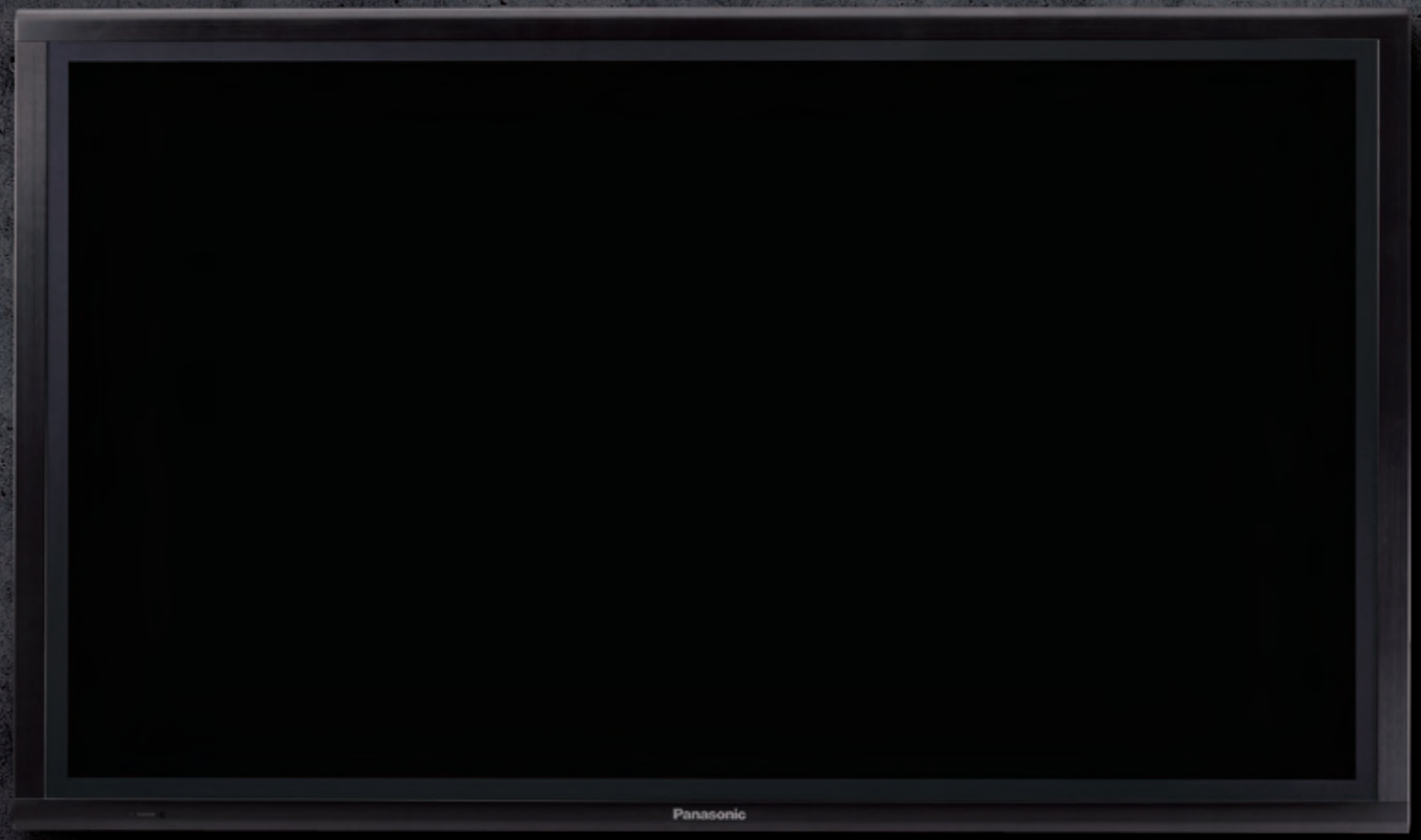
Panasonic

ideas for life



Professional specifications come to home cinema

looking for true black?
or black that’s true?

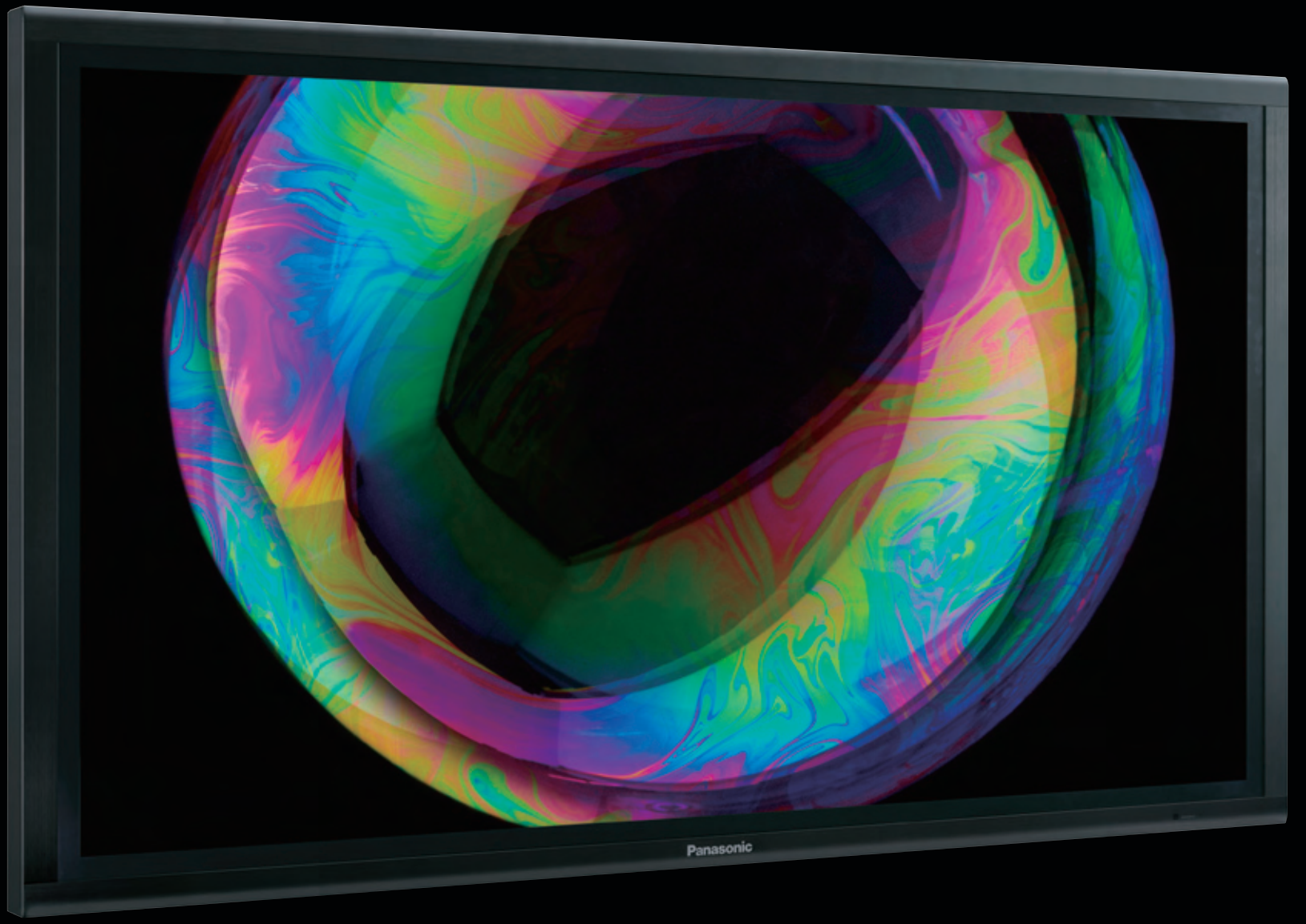
TH-65VX100

Leave no detail overshadowed.

For plasmas, the recent focus has been on the level of black performance. The new Panasonic 65” Premiere Plasma takes it a step further: to the level of black detail. Because it’s not just about absolute black – it’s about the detail visible in the darkest shades – and no plasma reveals dark details better than the new Premiere Plasma.

But that’s just the beginning.

TH-50VX100


Panasonic

Leave no colour underappreciated.

The 1080p Premiere Plasma panel features an expanded colour range that covers 120% of the HDTV colour standard, and a rated 60,000:1 contrast ratio with an industry-leading gradation level of 7,160 steps.

Add to that Panasonic's world-leading 18-bit digital signal processing and you've got an image unmatched by any other plasma display on the market.

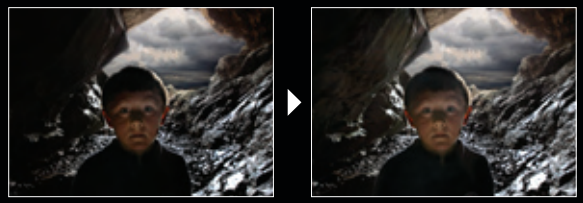
True Home Cinema Pleasure with a High-Quality Display

Visual Impact

High contrast for blacker blacks

Images are rendered with tight, crisp blacks and a feeling of depth that virtually draws you into the picture. Details are clearly depicted even in dark image areas. The Premiere Plasma panel's high 60,000:1* contrast brings a truly lifelike level of transparency to each and every image.

Conventional **Premiere Plasma panel**

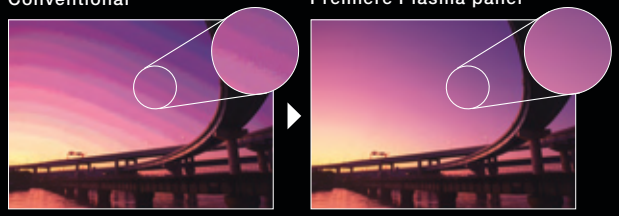


Realistic images with remarkable depth.
The industry's highest level of contrast -- 60,000:1.*

Smoother gradation

A full 7,160* steps of gradation naturally portray the textures of even highly detailed materials and the subtle colours of nature. Lifelike expression of every image, dark or bright, almost makes you feel like you're part of the scene.

Conventional **Premiere Plasma panel**

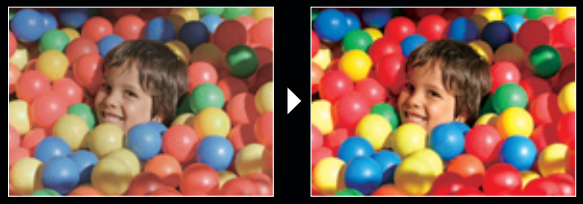


Smooth, natural gradation.

Colours faithful to the original

The Premiere Plasma panel boasts true cinema picture quality. Featuring newly developed process technology and an innovative optical filter, this remarkable panel covers 120% of the HDTV colour standard with rich, vivid colouring.

Conventional **Premiere Plasma panel**



A new level of colour fidelity for a wide range of colours, including reds and golds.

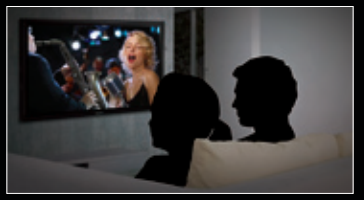
* TH-65VX100 only.

Filled with Professional Functions

Customised Viewing

Tailor the image to match the source

You can create, name, and store 16 different combinations of user adjustments from the menu. You can then easily switch to the preferred setting for viewing movies, sports, or playing video games.



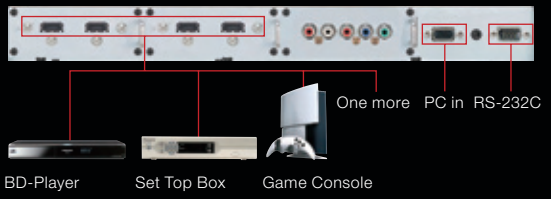
Watching movies
Watch movies in a darkened, theater-like atmosphere.

Playing games
Crisp, vivid colours make games even more exciting.

Watching sports
Show fast-moving athletes in vibrant colours.

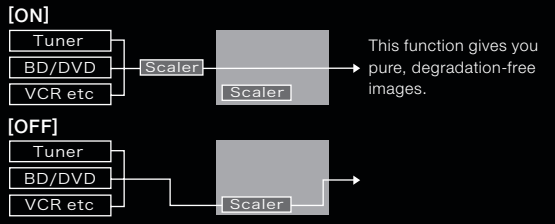
Customise your system

Single-cable connection to other AV devices, PCs, game machines, and other equipment is fast and easy thanks to four HDMI terminals, a PC-in terminal, an RS-232C terminal, and more. Adding or replacing other devices is also simple with an optional Terminal Board.



Process images with the Internal Scaler Bypass Function

With this advanced function, you can process images exactly the way you want them. It lets you convert the image with your existing scaler instead of using the display's built-in scaler.



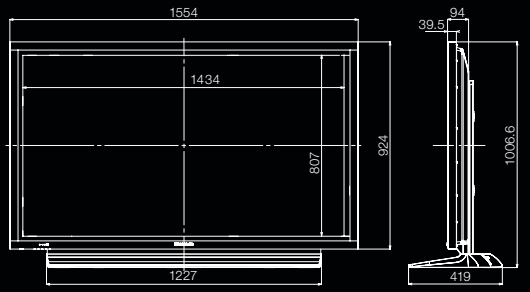
Sophisticated Design

TH-65VX100

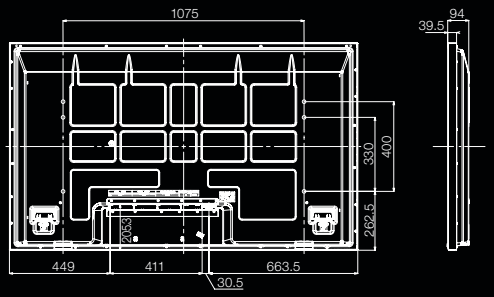
TH-50VX100

Dimensions(Unit:mm)

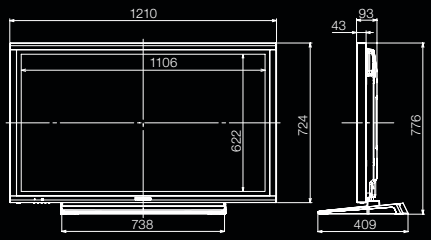
TH-65VX100



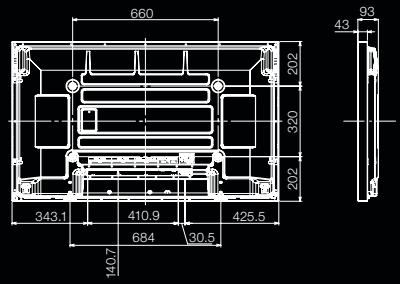
With the optional pedestal attached



TH-50VX100



With the optional pedestal attached



Specifications

			TH-65VX100	TH-50VX100
DISPLAY		Screen Size (Diagonal)	65-inch (1,646 mm)	50-inch (1,269 mm)
		Aspect Ratio	16:9	16:9
		Effective Display Area (W x H)	1,434 x 807 mm	1,106 x 622 mm
		Resolution (H x V)	1,920 x 1,080 pixels	1,920 x 1,080 pixels
		Pixel Pitch (H x V)	0.747 x 0.747 mm	0.576 x 0.576 mm
		Contrast Ratio	60,000:1	40,000:1
		Gradation	7,160 steps (equivalent)	6,144 steps (equivalent)
APPLICABLE SIGNALS		PC Signals	VGA, SVGA, XGA, WXGA, SXGA, UXGA (UXGA : compressed)	
			Horizontal frequency 15 - 110 kHz, Vertical frequency 48 - 120 Hz	
TECHNICAL FEATURES		Picture Menu	STANDARD/DYNAMIC/CINEMA/MONITOR	
		Color Temp	NORMAL-COOL-STUDIO-WARM	
		Black Extension	Yes	Yes
		Input Level	Yes	Yes
		Gamma	S CURVE/1.0/2.0/2.2/2.5/2.6	S CURVE/1.0/2.0/2.2/2.5/2.6
		AGC	Yes (ON/OFF)	Yes (ON/OFF)
		W/B	HIGH R/G/B, LOW R/G/B	HIGH R/G/B, LOW R/G/B
		3:2 Pulldown	Yes (ON/OFF)	Yes (ON/OFF)
		Studio Gain	Yes (ON/OFF)	Yes (ON/OFF)
		Video Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)
		Block Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)
		Mosquito Noise Reduction	Yes (ON/OFF)	Yes (ON/OFF)
		isf Mode	Day/Night	Day/Night
INPUT / OUTPUT	Fixed Terminals	PC In	Mini D-sub 15-pin x1(Female) Plug & Play (VESA DDC 2B)	Mini D-sub 15-pin x1 (Female) Plug & Play (VESA DDC 2B)
		Audio In	M3 jack x 1	M3 jack x 1
		Serial	D-sub 9-pin x 1 (Male)	D-sub 9-pin x 1 (Male)
	Interchangeable Terminals (Slot1)	HDMI In	HDMI x 2	HDMI x 2
	(Slot2)	HDMI In	HDMI x 2	HDMI x 2
	(Slot3)	Component In	RCA x 3	RCA x 3
		Audio In (L/R)	RCA pin jack x 2	RCA pin jack x 2
CONVENIENCES		EXT. SCALER Function	ON/OFF	ON/OFF
		User Calibration Memory	16 memories	16 memories
		Memory Lock	Lock1/Lock2	Lock1/Lock2
		Screen Saver	Yes (4 different mode)	Yes (4 different mode)
		Side Bar Adjust	OFF/DARK/MID/BRIGHT	OFF/DARK/MID/BRIGHT
		Wobbling	ON1/ON2/OFF	ON1/ON2/OFF
		Peak Limit	Yes (ON/OFF)	Yes (ON/OFF)
		Power Save	Yes (ON/OFF)	Yes (ON/OFF)
		Stand By Save	Yes (ON/OFF)	Yes (ON/OFF)
		Power Management	Yes (ON/OFF)	Yes (ON/OFF)
		Auto Power Off	Yes (ON/OFF)	Yes (ON/OFF)
		Customizing the On-Screen	TYPE1/TYPE2/TYPE3	TYPE1/TYPE2/TYPE3
ELECTRICAL		Power Requirements	AC 220-240 V, 50Hz/60Hz*1*2	AC 220 - 240 V, 50Hz/60Hz*1*2
			AC 120 V, 50Hz/60Hz*3	AC 120 V, 50Hz/60Hz*3
		Power Consumption	710 W*1	485 W*1
			695 W*2	555 W*2
			755 W*3	605 W*3
		Power off Condition	0.4 W*1*2	0.4 W*1*2
			0.2 W*3	0.1 W*3
		Stand-by Condition	Save Off 1.2 W, Save On 0.7 W*1*2	Save Off 1.2 W, Save On 0.7 W*1*2
			Save Off 1.0 W, Save On 0.5 W*3	Save Off 0.9 W, Save On 0.5 W*3
MECHANICAL		Dimensions (W x H x D)	1,554 x 924 x 94 mm	1,210 x 724 x 93 mm
		Weight	approx. 69.0 kg	approx. 37.0 kg
		Cabinet Colour	Black (Aluminum Hairline Finish)	Black (Aluminum Hairline Finish)
ENVIRONMENTAL	Operating Environment	Temperature	0°C - 40°C	
		Humidity	20 % - 80 % (Non condensation)	
		Altitude	0 - 2,800m	
RADIATION REGULATIONS		EN55022 Class-B, EN55024, EN61000-3-2, EN61000-3-3*1		
		CISPR22 Class-B*2		
		FCC Part 15 Class-B, ICES-003, NOM*3		
SAFETY REGULATION		EN60065 Ver.7*1		
		AS/NZS60065, GOST12.2.006-B7, IEC60065*2		
		UL6500 Ver.2 / NOM approval*3		

*1: Europe model
*2: Australia, New Zealand, CIS models
*3: Mexico, Panama models

Options

Pedestal

TY-ST65VX100 (for 65-inch model)
TY-ST50VX100 (for 50-inch model)

Wall-Hanging Bracket (Vertical)

TY-WK65PV7 (for 65-inch model)
TY-WK42PV7 (for 50-inch model)

Wall-Hanging Bracket (Angled)

TY-WK65PR8 (for 65-inch model)
TY-WK42PR7 (for 50-inch model)

Terminal Boards

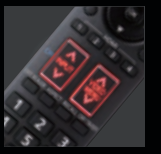
BNC Component Video Terminal Board: TY-42TM6A
RCA Component Video Terminal Board: TY-42TM6Z
HD-SDI Terminal Board: TY-FB9HD
HD-SDI Terminal Board with audio: TY-FB10HD
Dual Link HD-SDI Terminal Board: TY-FB11DHD
Dual HDMI Terminal Board: TY-FB10HMD
DVI-D Terminal Board: TY-FB11DD
Ir Through Terminal Board: TY-FB9RT

Included Accessory

Remote Control Transmitter

Illuminated Buttons

The channel and volume buttons —the ones you use most often— light up for easy access and operation in the dark.



CRESTRON Integrated Partner AMX Control4

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Simulated pictures on screen.
Specifications are subject to change without notice.
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